

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) An integrated control system for control of distributed home entertainment electronic devices, comprising:

a controller for managing the operation of said integrated control system;

a translator coupled to said controller for translating management instructions into management messages using a preferred communications protocol;

a device database coupled to said controller for storing device information, wherein the device database includes user preferences for device settings;

at least one communications interface coupled to said controller for transmitting and receiving management messages to distributed home entertainment electronic devices.

2. (Original) The integrated control system of claim 1, wherein said at least one communications interface includes a wireless interface.

3. (Original) The integrated control system of claim 2, wherein said at least one communications interface includes an IEEE 802.11(b) interface.

4. (Original) The integrated control system of claim 2, wherein said at least one communications interface includes an IEEE 802.11(e) interface.

5. (Original) The integrated control system of claim 2, wherein said at least one communications interface includes an IEEE 802.15.3a interface.

6. (Original) The integrated control system of claim 1, wherein said at least one communications interface includes a wireline interface.
7. (Original) The integrated control system of claim 6, wherein said at least one communications interface includes a powerline interface.
8. (Original) The integrated control system of claim 1, wherein said at least one communications interface includes both a wireline and a wireless interface.
9. (Currently Amended) A method to control distributed home entertainment electronic devices, comprising:
 - (a) receiving a remote control signal;
 - (b) interpreting said remote control signal;
 - (c) gathering device information for devices impacted by said remote control signal, wherein the device information includes personal preferences for device settings;
 - (d) translating said remote control signal and device information into a management command;
 - (e) encoding a management message based on the management command;and
 - (f) transmitting said management message.
10. (Original) The method of claim 9, wherein said device information includes a type of communication protocol supported by a device.

11. (Original) The method of claim 9, wherein said device information includes a unique identifier for a device that can be used to route management messages.
12. (Original) The method of claim 9, wherein step (e) includes encoding a management message using a wireless protocol.
13. (Original) The method of claim 11, wherein said wireless protocol is IEEE 802.11(b).
14. (Original) The method of claim 11, wherein said wireless protocol is IEEE 802.11(e).
15. (Original) The method of claim 11, wherein said wireless protocol is IEEE 802.15.3a.
16. (Original) The method of claim 11, wherein said wireless protocol is Bluetooth.
17. (Currently Amended) A method to provide hierarchical control of distributed home entertainment electronic devices, comprising:
 - (a) receiving a remote control signal;
 - (b) interpreting said remote control signal;
 - (c) gathering device configuration information for devices that may be impacted by said remote control signal;
 - (d) determining one or more management ~~command~~ commands based on said remote control signal and said device configuration information;

(e) encoding a one or more management ~~message~~ messages based on said one or more management ~~command~~ commands; and

(f) transmitting said one or more management ~~message~~ messages.

18. (Currently Amended) Within a home entertainment system containing a television and other distributed electronic devices, a method of automatically configuring the distributed electronic devices upon a change in a video input signal; comprising:

(a) determining a change in a video input signal;

(b) analyzing the characteristics of the video input signal;

(c) determining whether settings of the distributed electronic ~~device~~ devices should be changed based on a change in the video input signal;

(d) when settings should be changed, generating management messages for each distributed electronic device to be changed; and

(e) transmitting said management messages.

19-36 (Cancelled)

37. (New) The integrated control system of claim 1, further comprising a means for detecting a change in one or more of the input signals to one or more of the electronic devices and transmit management messages to one or more of the electronic devices to adjust device settings based on the change in one or more of the input signals.

38. (New) The integrated control system of claim 37, further comprising a means for adjusting device settings based on the change in one or more of the input signals and the user preferences.

39. (New) The integrated control system of claim 37, further comprising a means for adjusting device settings based on the change in one or more of the input signals and the type of entertainment media being transmitted by the electronic devices.